

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A vehicular remote control system, comprising:

a mobile unit carried by a driver; and

a vehicle unit mounted on a vehicle, the vehicle unit comprising a plurality of transmission antennas,

wherein said mobile unit sequentially receives signals transmitted from at least one of the transmission antennas to measure the reception intensities of the sequentially received signals, and then transmits a response signal including an ID portion for storing the intrinsic identification information of the mobile unit and reception intensity information of the sequentially received signals all at once to said vehicle unit, and

wherein said vehicle unit locates said mobile unit on the basis of the reception intensity information transmitted from said mobile unit, and executes an arbitrary processing action according to the location of said mobile unit.

2. (Cancelled)

3. (Previously Presented) A vehicular remote control system according to Claim 1,

wherein said arbitrary processing action is an operation relating to at least one of locking of a door, unlocking of a door, opening of a trunk, and warning with a sound or a vibration, wherein the locking/unlocking of the door is performed in case said mobile unit is located near said door, and the opening of the trunk is performed in case the mobile unit is located near said trunk.

4. (Currently Amended) A vehicular remote control system according to Claim 1,

wherein among the signals transmitted from said transmission antennas, a signal transmitted at first by a first antenna is used at least for the waking-up control signal and signals other than that transmitted at by the first antenna are only used for the measurements of the reception intensities at said mobile unit.

5. (Cancelled)

6. (Cancelled)